



US Army Corps  
of Engineers  
Seattle District

# Public Notice of Application for Permit

Regulatory Branch  
Post Office Box 3755  
Seattle, Washington 98124-3755  
Telephone (206) 764-3495  
ATTN: Richard Pratt, Project Manager

Public Notice Date: July 28, 2006  
Expiration Date: August 26, 2006  
Reference: 200600394  
Name: Kitsap Transit, Passenger  
Ferry Beach nourishment  
Demonstration Project

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899, and Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT: Kitsap Transit  
60 Washington Avenue, Suite 200  
Bremerton, Washington 98337  
Ms. Wendy Clark-Getzin  
Telephone: (360) 373-3877

AGENT: Pacific International Engineering  
Post Office Box 1599  
Edmonds, Washington 98020  
Mr. Phil Osborne  
Telephone: (425) 921-1720

LOCATION: At one point on the shoreline of Port Orchard and three points along the shoreline of Rich Passage, in Kitsap County, Washington. The four points are at Enetai Beach in Bremerton, Point White and Pleasant Beach on Bainbridge Island, and Point Glover, on the Port Orchard peninsula.

WORK: Jurisdictional impacts include placement of 3800 cubic yards of sand, gravel, and cobble. This fill will cover a total of 2.5 acres of the intertidal zone at the four locations. The distribution of the fill material for the four sites is shown in the table below. A plan view and cross-section of each of the four sites is attached.

Site	Estimated Erosion Volume (cubic feet)	Proposed Fill Volume (cubic yards)	Placement Length (linear feet)	Area (acres)
Enetai Beach	47° 34' 47" N, 122 ° 35' 57" W	700	354	0.3
Point White	47° 35' 27" N, 122 ° 33' 58" W	1900	1281	1
Pleasant Beach	47° 35' 39" N, 122 ° 32' 14" W	700	700	0.6
Point Glover	47° 35' 23" N, 122 ° 33' 24" W	500	726	0.6
Total		3800	3061	2.5

*Additional Information:*

The beach nourishment project would place a volume of sediment on the beach roughly equivalent to the volume estimated to have been displaced during the past operations of the State-run passenger fast ferries, and to test whether the nourishment helps make the beach more resilient to the effects of wave energy created by fast ferry operations, other boat traffic, and wind and storm conditions. The beach profile response during the operation of the fast passenger ferries Chinook and Snohomish ferries is documented. These results were used as the basis for the proposed project. Identification of the beach nourishment volumes and material types for each site were developed from a profile analysis and characterization of the existing sediments.

Placement of the fill would occur from a barge. The barge will be maneuvered to the foreshore at the beach nourishment sites at high tide. Sediment would be offloaded from the barge with a clamshell or conveyor at high tide. The barge would not be allowed to ground out onto the sediments during low tide. Sediment would then be redistributed and graded on the foreshore at low tide. One to two days would be required for placement and grading of the fill at each site, depending on volume to be placed and weather conditions.

The nourished sites and adjacent, non-nourished sites would be monitored over time to measure their response to "typical" existing conditions, "extreme" (i.e. storm) conditions, and exposure to wakes generated by high-speed ferries that may operate on the Seattle-Bremerton route and to guide future actions for protecting and enhancing the health of shorelines along Rich Passage.

The locations were selected based upon data gathered during Phase 1 of the study that suggest these areas exhibit the greatest potential for erosion from natural forces, existing vessel traffic, high-speed vessel wakes, or a combination of these factors.

PURPOSE: To evaluate the feasibility of beach nourishment as restoration and enhancement of the shallow intertidal zone along Port Orchard and Rich Passage to address wave energy created by wind, boat, and fast ferry traffic.

Beaches along Rich Passage and adjacent waters are backed by bulkheads and other hard structures designed to protect the properties behind the structures from erosion. Only a small percentage of the shoreline in the area remains unprotected. The presence of these structures has reduced the primary long term supply of sediments in the study area and in many cases may interrupt the natural longshore and cross shore patterns of sediment transport along the shoreline. This factor along with wave action has negatively affected the shoreline along the Seattle-Bremerton ferry route. This project is designed to test beach nourishment to restore and enhance the intertidal conditions at four sites.

ENDANGERED SPECIES:

The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat.

The Federal Transit Administration (FTA), as the lead agency for ESA consultation, will consult with the NMFS and/or the USFWS as required under Section 7 of the ESA. Chinook salmon (*Oncorhynchus tshawytscha*), threatened; bald eagles, threatened; (*Haliaeetus leucocephalus*), threatened; bull trout (*Salvelinus confluentus*), threatened; marbled murrelets (*Brachyramphus marmoratus*), threatened; southern resident killer whale (*Orcinus orca*), endangered; humpback whale (*Megaptera novaeangliae*), endangered; and

Steller sea lion (*Eumetopias jubatus*), threatened may occur in the proposed project area. Chinook salmon (*Oncorhynchus tshawytscha*) critical habitat has been designated within the project area.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The FTA, as the lead agency for a determination regarding EFH, will consult with the National Marine Fisheries Services if necessary.

CULTURAL RESOURCES: The FTA, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, will consult with the State Historic Preservation Office as appropriate. This public notice initiates consultation under Section 106 of the National Historic Preservation Act (36 CFR 800.4[a][3]), with any Tribe that has information or concerns with historic properties in the proposed permit area.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The proposed discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

ADDITIONAL EVALUATION: The State of Washington is reviewing this work (for consistency with the approved Washington Coastal Zone Management Program)(and for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act).

Point Glover and Enetai Beach proposals are the subject of Shorelines Substantial Development Permit to be submitted to and processed by Kitsap County.

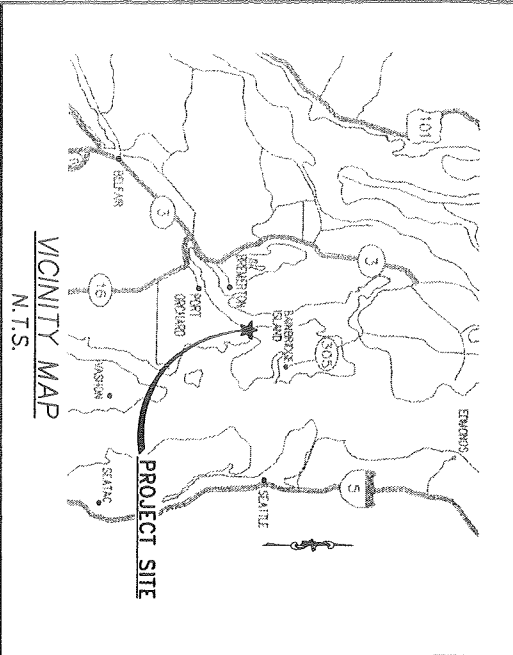
200600394

Point White and Pleasant Beach proposals are the subject of Shorelines Substantial Development Permit to be submitted to and processed by the City of Bainbridge Island.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to [Richard.i.pratt@usace.army.mil](mailto:Richard.i.pratt@usace.army.mil). Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington 98124-3755. Both conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Kitsap Transit, 200600394

Encl  
Drawings (9)



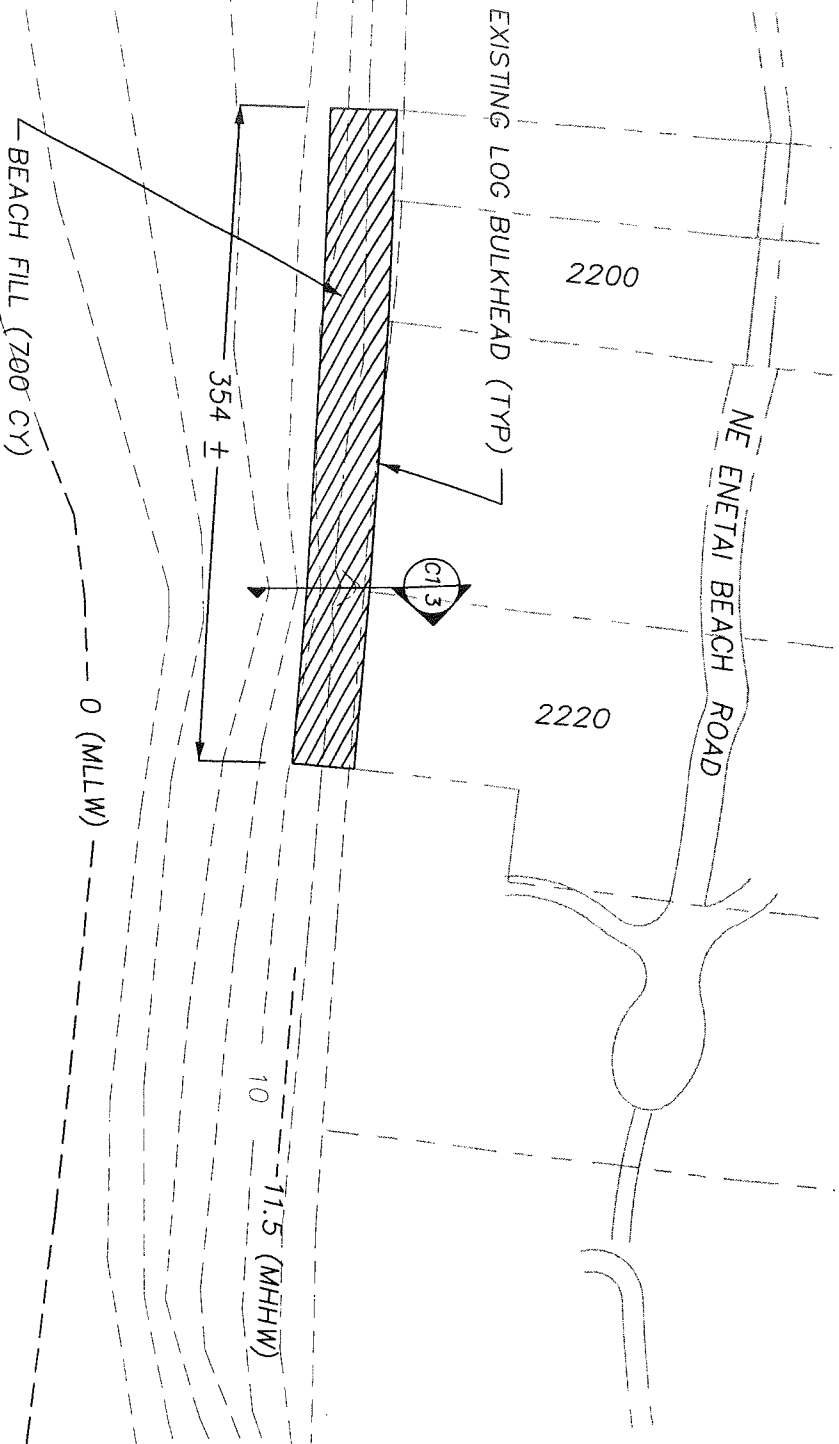
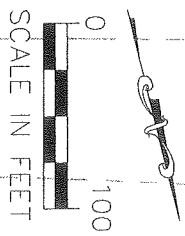
DESIGNED BY	J.S.
ENTERED BY	J.S.
CHECKED BY	J.S.
JOB NUMBER	

**P**ACIFIC  
INTERNATIONAL  
ENGINEERING, P.L.L.C.  
123 Second Avenue S.  
P.O. Box 1150  
Edmonds, WA 98020  
Phone (425) 744-7700  
Fax (425) 744-1400

**CORPS REFERENCE**  
# 200600394  
Waterway: Puget Sound  
Date May 25, 2006

**RICH PASSAGE  
BEACH NOURISHMENT**

SHEET  
1  
OF  
9



# NOTES:

1. CONTOURS ARE SHOWN AT 2-FT INTERVALS ABOVE MLLW (EL. 0) AND AT 10-FT INTERVALS BELOW.
2. FOR CLARITY, MHW (10.60 FT) AND MLW (2.82 FT) ARE NOT SHOWN.
3. NUMBERS SHOWN ON PARCELS CORRESPOND TO HOUSE NUMBERS ALONG NE ENETAI BEACH ROAD.
4. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.
5. CONTOURS SHOWN WERE DRAWN FROM SURVEY DATA COLLECTED IN 2005 AND 2006 AS PART OF ONGOING BEACH MONITORING.

DESIGNED BY	J.S.
ENTERED BY	J.S.
CHECKED BY	J.S.

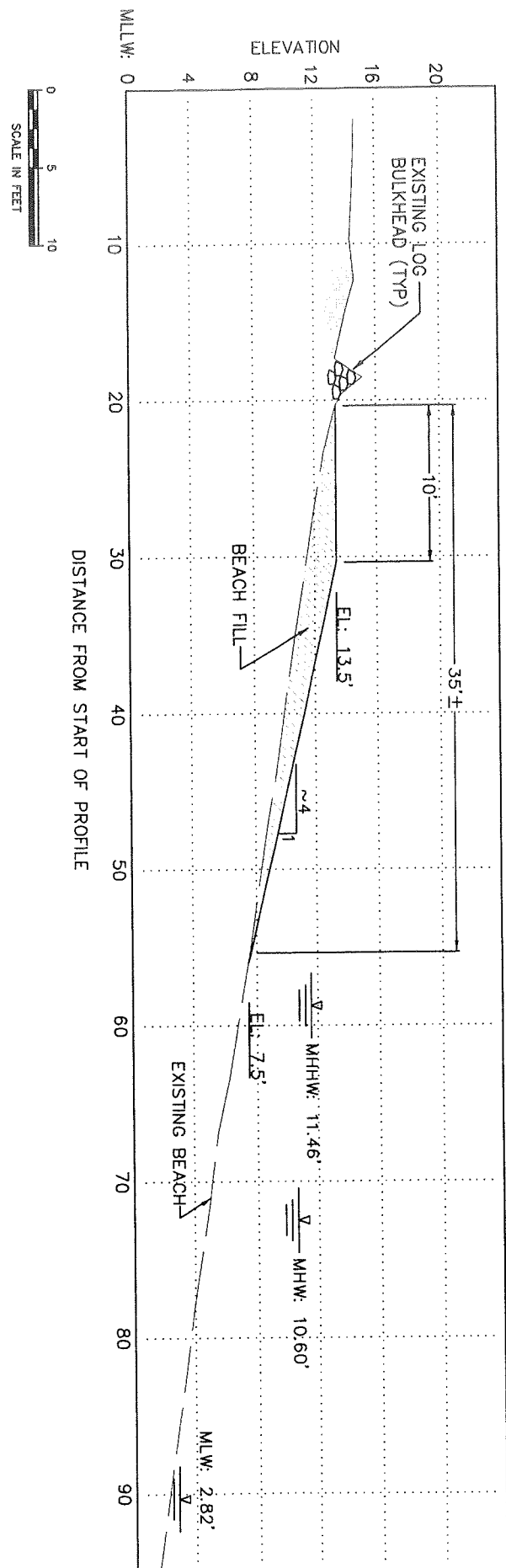


PACIFIC  
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123 Second Avenue S.  
P.O. Box 159  
Edmonds, WA 98020

CORPS REFERENCE  
# 200600394  
Waterway: Puget Sound

RICH PASSAGE  
BEACH NOURISHMENT

C1 ENETA BEACH NORTH  
SCALE: 1" = 10'



- NOTES:
1. NAVD88 EL = MLLW EL + 2.67 FT
  2. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.

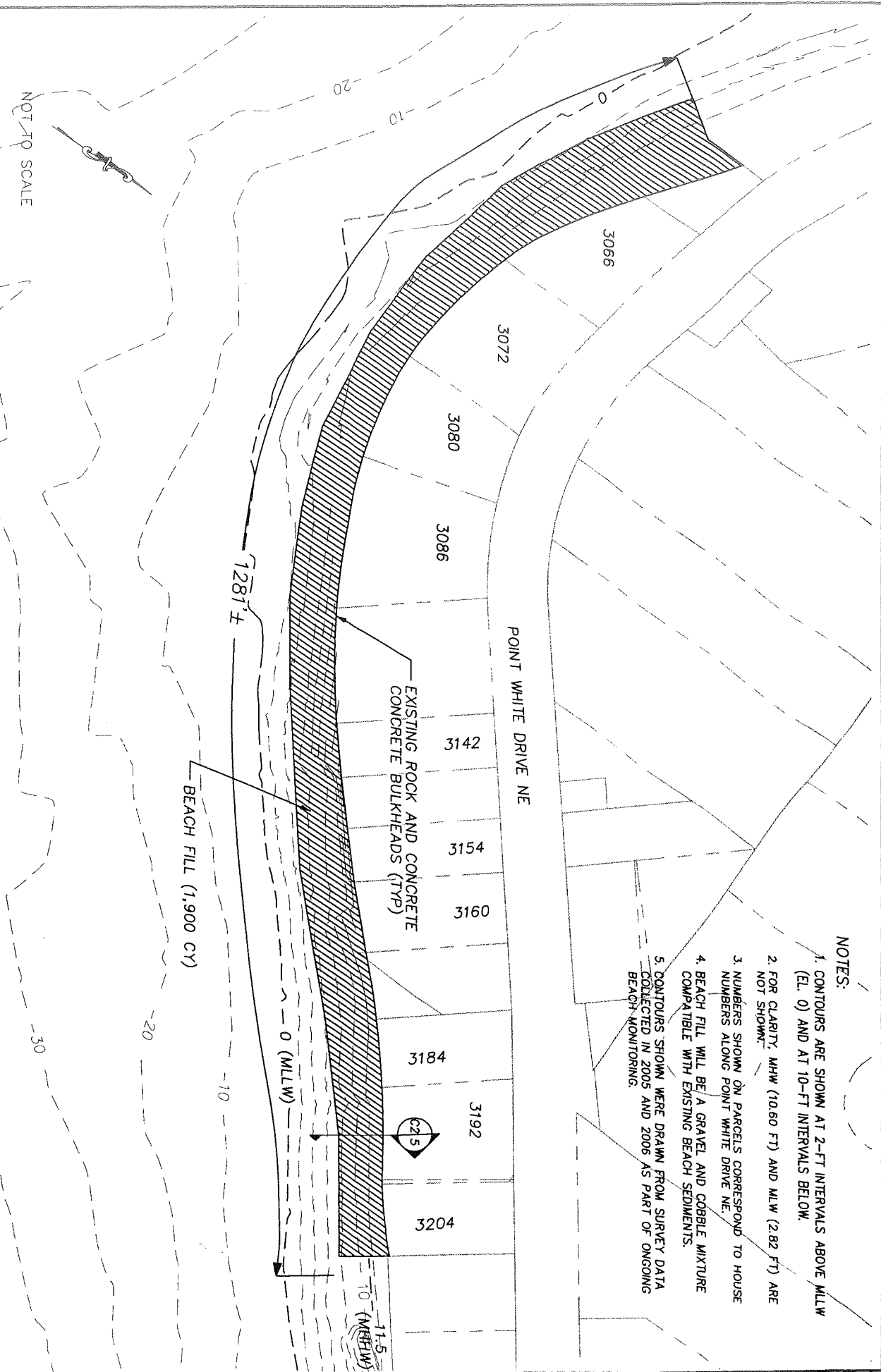
DESIGNED BY	JS	CORPS REFERENCE	# 200600394	RICH PASSAGE	REFERENCE SHEET NUMBER
ENTERED BY	JS		Waterway: Puget Sound	BEACH NOURISHMENT	
CHECKED BY	JS		Date May 25, 2006	ENETA BEACH SECTION	
JOB NUMBER					

123 Second Avenue S.  
P.O. Box 1599  
Edmonds, WA 98020  
Phone (425) 744-1700  
Fax (425) 744-1400

PACIFIC INTERNATIONAL ENGINEERING, PLLC

SHEET 2 OF 9

- NOTES:
1. CONTOURS ARE SHOWN AT 2-FT INTERVALS ABOVE MLLW (EL. 0) AND AT 10-FT INTERVALS BELOW.
  2. FOR CLARITY, MHW (10.60 FT) AND MLLW (2.82 FT) ARE NOT SHOWN.
  3. NUMBERS SHOWN ON PARCELS CORRESPOND TO HOUSE NUMBERS ALONG POINT WHITE DRIVE NE.
  4. BEACH FILL WILL BE A GRAVEL AND COBBLE MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.
  5. CONTOURS SHOWN WERE DRAWN FROM SURVEY DATA COLLECTED IN 2005 AND 2006 AS PART OF ONGOING BEACH MONITORING.



NOT TO SCALE

POINT WHITE DRIVE NE

EXISTING CONCRETE ROCK AND CONCRETE BULKHEADS (TYP)

BEACH FILL (1,900 CY)

1281.4

3184

3192

3204

3142

3154

3160

3086

3080

3072

3066

DESIGNED BY	J.S.
ENTERED BY	J.S.
CHECKED BY	J.S.



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INTERNATIONAL

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Edmonds, WA 98020

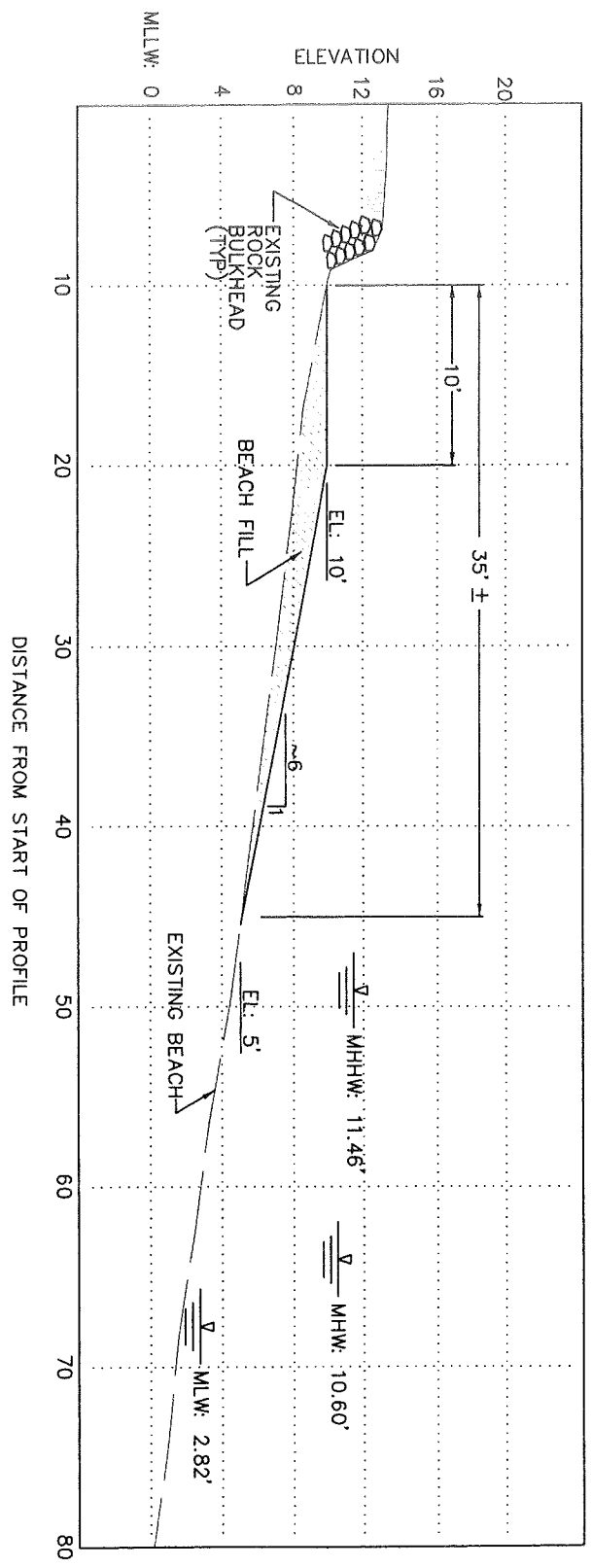
CORPS REFERENCE  
# 200600394  
Waterway: Puget Sound

RICH PASSAGE  
BEACH NOURISHMENT

REFERENCE NUMBER	SHEET
	4



C2 POINT WHITE  
SCALE: 1" = 10'



- NOTES:
1. NAVD88 EL = MLW EL + 2.67 FT
  2. BEACH FILL WILL BE A GRAVEL AND COBBLE MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.

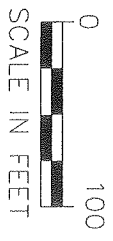
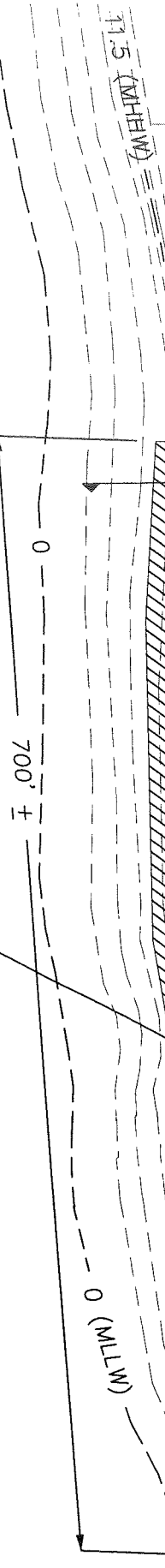
- NOTES:
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  2. FOR CLARITY, MHW (10.60 FT) AND MLW (2.82 FT) ARE NOT SHOWN.
  3. NUMBERS SHOWN ON PARCELS CORRESPOND TO HOUSE NUMBERS ALONG PLEASANT BEACH DRIVE.
  4. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.
  5. CONTOURS SHOWN WERE DRAWN FROM SURVEY DATA COLLECTED IN 2005 AND 2006 AS PART OF ONGOING BEACH MONITORING.

PLEASANT BEACH DRIVE

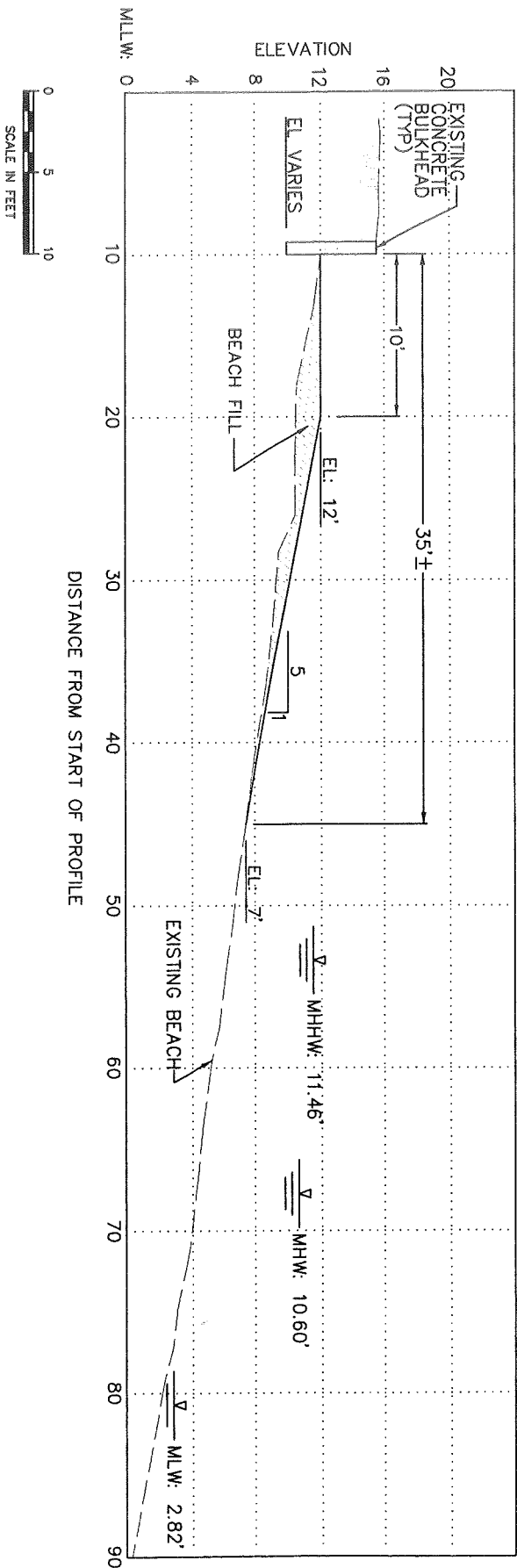
3549  
3541  
3535  
3511  
3453  
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3403  
3385  
3369

EXISTING CONCRETE BULKHEAD (TYP)

BEACH FILL (700 CY)



C3 PLEASANT BEACH  
SCALE: 1" = 10'



- NOTES:
1. NAVD88 EL = MLLW EL + 2.67 FT
  2. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.

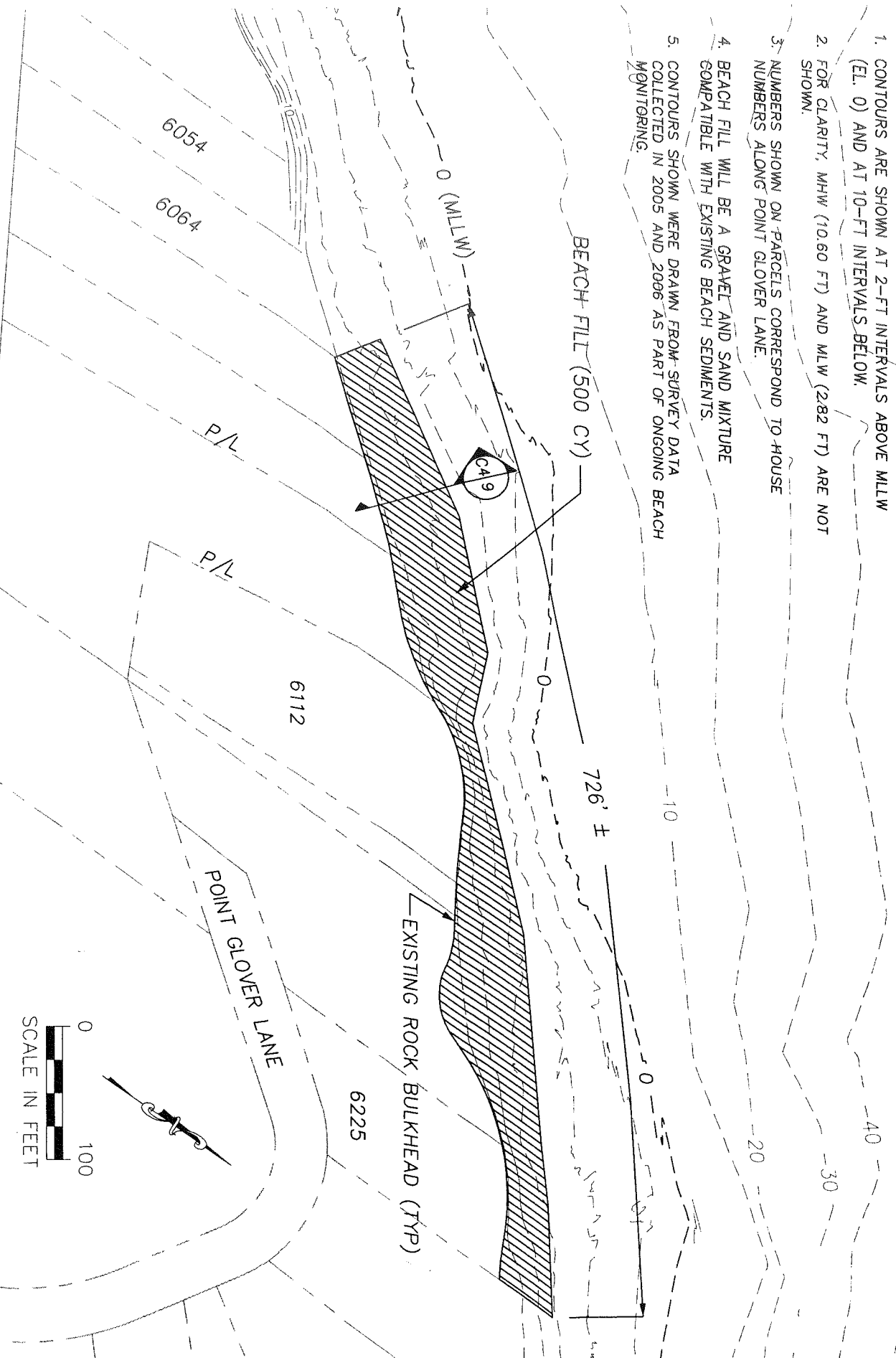
DESIGNED BY	J.S.	CORPS REFERENCE # 200600394 Waterway: Puget Sound Date May 25, 2006	RICH PASSAGE BEACH NOURISHMENT PLEASANT BEACH SECTION	REFERENCE SHEET NUMBER
ENTERED BY	J.S.			SHEET 7 OF 9
CHECKED BY	J.S.			
DATE				

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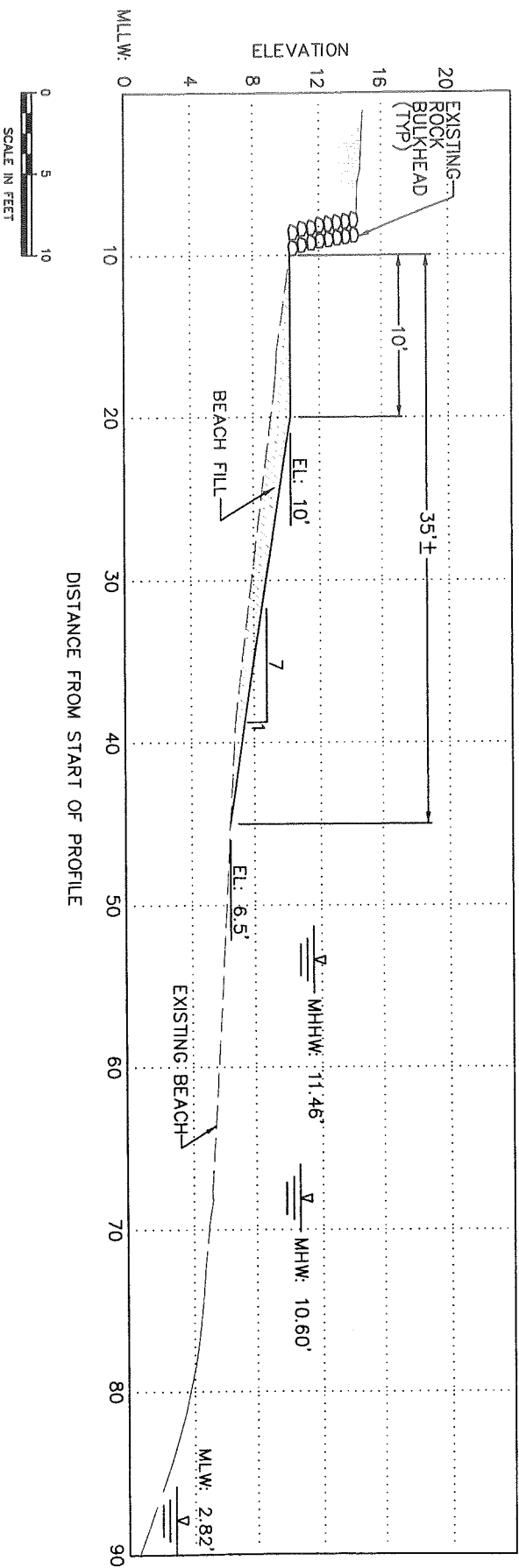
PACIFIC INTERNATIONAL ENGINEERING, LLC

NOTES:

1. CONTOURS ARE SHOWN AT 2-FT INTERVALS ABOVE MLW (EL. 0) AND AT 10-FT INTERVALS BELOW.
2. FOR CLARITY, MHW (10.60 FT) AND MLW (2.82 FT) ARE NOT SHOWN.
3. NUMBERS SHOWN ON PARCELS CORRESPOND TO HOUSE NUMBERS ALONG POINT GLOVER LANE.
4. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.
5. CONTOURS SHOWN WERE DRAWN FROM SURVEY DATA COLLECTED IN 2005 AND 2006 AS PART OF ONGOING BEACH MONITORING.



C4 POINT GLOVER  
SCALE: 1" = 10'



- NOTES:
1. NAVD88 EL = MLLW EL + 2.67 FT
  2. BEACH FILL WILL BE A GRAVEL AND SAND MIXTURE COMPATIBLE WITH EXISTING BEACH SEDIMENTS.

DESIGNED BY  
ENTERED BY  
CHECKED BY

DATE

PROJECT NUMBER

PROJECT NAME

PROJECT LOCATION

PROJECT DESCRIPTION

PROJECT STATUS

PROJECT OWNER

PROJECT CONTACT

PROJECT ADDRESS

PROJECT PHONE

PROJECT FAX

PROJECT E-MAIL

PROJECT WEBSITE

PROJECT MAP

PROJECT PHOTO

PROJECT VIDEO

PROJECT AUDIO

PROJECT OTHER

PROJECT TOTAL

PROJECT TOTAL

CORPS REFERENCE  
# 200600394

Waterway: Puget Sound  
Date May 25, 2006

RICH PASSAGE  
BEACH NOURISHMENT

POINT GLOVER SECTION

REFERENCE  
NUMBER

SHEET  
9  
OF  
9



PACIFIC  
INTERNATIONAL  
ENGINEERING, INC.  
103 Second Avenue S.  
Edmonds, WA 98020  
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Fax (425) 744-1400



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600  
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Notice of Application for  
Water Quality Certification  
and for  
Certification of Consistency with the  
Washington Coastal Zone Management Program

Date: July 28, 2006

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200600394 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator  
Department of Ecology  
SEA Program  
Post Office Box 47600  
Olympia, Washington 98504-7600